Amendment And Response

Serial No. 10/578,211

Page -2-

In The Specification:

Please replace the previously presented paragraph at page 1, lines 12-18 with the

following replacement paragraph:

According to the present invention there is provided an agrochemical composition

comprising an agrochemical active ingredient and an adjuvant, preferably cyclic amines or cyclic

amides having at least one tertiary amine group or tertiary nitrogen. The amines or amides of the

present invention are preferably an amine or amide selected from quinuclidine or a salt thereof,

N-(aminopropyl) morphiline N-(aminopropyl)morpholine or a salt thereof, 1-(2-hydroxethyl-2-

imidazolidinone) and aminoethylpiperazine or a salt thereof.

Please replace the previously presented paragraph at page 3, lines 4-8 with the

following replacement paragraph:

Thus according to a further aspect of the present invention there is disclosed an aqueous

agrochemical composition comprising paraquat or diquat or a mixture thereof; and an adjuvant

selected from a salt of quinuclidine, a salt of N-(aminopropyl)morphiline N-

(aminopropyl)morpholine, 1-(2-hydroxethyl-2-imidazolidinone) or a salt of

aminoethylpiperazine.

Please replace the previously presented paragraph at page 3, lines 9-13 with the

following replacement paragraph:

According to a still further aspect of the present invention there is disclosed an aqueous

agrochemical composition comprising paraguat or diquat and a salt of quinuclidine, a salt of N-

(aminopropyl) morphiline N-(aminopropyl)morpholine, 1-(2-hydroxethyl-2-imidazolidinone) or

a salt of aminoethylpiperazine, wherein the concentration of the paraguat or diquat is greater than

100 g/l.

Amendment And Response

Serial No. 10/578,211

Page -3-

Please replace the previously presented paragraph at page 5, lines 12-18 with the

following replacement paragraph:

According to a still further aspect of the present invention there is provided an aqueous

agrochemical composition comprising paraquat or diquat and a salt of quinuclidine, a salt of N-

(aminopropyl) morphiline N-(aminopropyl)morpholine, 1-(2-hydroxethyl-2-imidazolidinone) or

a salt of aminoethylpiperazine wherein the concentration of the paraquat or diquat is greater than

100 g/l and which further contains from 10 to 400 grams per litre, for example from 10 to 100

grams per litre of an electrolyte purgative such as magnesium sulphate.

Please replace the previously presented paragraph at page 5, lines 19-27 with the

following replacement paragraph:

According to a still further aspect of the present invention there is provided an aqueous

agrochemical composition comprising paraquat or diquat and a salt of quinuclidine, a salt of N-

(aminopropyl) morphiline N-(aminopropyl)morpholine, 1-(2-hydroxethyl-2-imidazolidinone) or

a salt of aminoethylpiperazine wherein the concentration of the paraguat or diquat is greater than

100 g/l and which further comprises an alginate which is a pH-triggered gelling agent, such that a

pH-triggered gel effect takes place at the acid pH of human gastric juice, together with from 10 to

400 grams per litre, for example from 10 to 100 grams per litre, of an electrolyte purgative, such

as magnesium sulphate.

Please replace the previously presented paragraph at page 7, lines 19-28 with the

following replacement paragraph:

The bioperformance enhancement of paraquat in the presence of amines or amides of the

present invention was evaluated. The amines or amides were tested and the results are presented

in Table 1. An aqueous formulation of paraguat dichloride containing 0.5% by weight of the

quinuclidine (based on the weight of the amine salt), N-(aminopropyl) morphiline N-

Amendment And Response Serial No. 10/578,211

Page -4-

(aminopropyl)morpholine (based on the weight of the parent amine) or 1-(2-hydroxethyl-2-imidazolidinone) (based on the weight of the amide), all based on total spray volume was applied using a moving track sprayer to eight representative weed species at 10, 20 and 40 g /ha (based on paraquat ion). The spray volume was equivalent to 200 l/ha. For aminoethylpiperazine the formulation contained 0.625% by weight of the amine (based on the parent amine).

Please replace previously presented Table 1 on page 8 with the following replacement Table 1:

Table 1

Amine or Amide of the Present Invention	Mean Activity (%)
None	54
Quinuclidine as hydrochloride salt	68
N-(aminopropyl) morphiline N-(aminopropyl)morpholine as	65
hydrochloride salt	
1-(2-hydroxethyl-2-imidazolidinone)	66
Aminoethylpiperazine as hydrochloride salt	72